

NAVJOT SINGH

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EDUCATION

Computer Programmer Diploma | Algonquin College, Ottawa ON

(January, 2018-April, 2020)

- **Cumulative GPA:** 3.7/4.0, Dean's Honours List
- **Relevant Coursework:** Web Programming (JS, HTML, CSS), Enterprise Application Programming (JavaEE, Java 8), Operating Systems (GNU/Linux), Network Programming, Advanced Database (Relational and NoSQL), System Analysis (Agile and Scrum Technologies), Business Intelligence. For more details please check: <https://www.algonquincollege.com/sat/program/computer-programmer/#courses>

SECURITY CLEARANCE

- Reliability status Security Clearance Government of Canada.

SUMMARY OF TECHNICAL SKILLS

- **Programming Languages:** C++, Java, Python, JavaScript, Angular, React JS HTML, CMD Scripting, XML, JSON, Spring-Boot.
- **J2EE Technologies:** JDBC, JPA, Hibernate, JSP, Servlet, JMS, JSF, JNDI
- **Functional Skills:** Use Cases, User Stories, Functional Analysis, Debugging, Data Analysis, Testing, Agile (Scrum) methodology
- **Databases:** PostgreSQL, AWS RDS, Oracle, MySQL, Microsoft SQL Server, MongoDB, DynamoDB
- **Software and Tools:** JIRA, Confluence, Eclipse, Visual Studio, IntelliJ, MS Office Suite, VMWare, Wireshark, Git, Docker, Kafka, Camel Routing, ELK (Elasticsearch, Kibana, Logstash), SOAP, RESTful Web API, CI/CD pipeline
- **Cloud Computing:** Knowledge of deploying applications on Cloud and its architecture (AWS certification in progress)

WORK EXPERIENCE

Software Developer (Full Stack Developer)

IITB, Employment and Social Development Canada

(Gatineau, QC)

PSMOD Messaging Service API

November 2019 – December 2019

- Developed PSMOD Messaging Service API solution for Different Downstream Partners (HRSC), build asynchronous communication between Producer and Consumers
- Participated in architecture design, peer code reviews and client call for requirements, demonstrations, feedback
- Created **Apache Kafka** topics to store messages and real time analytics.
- Developed **Camel routes** for different Endpoints, filtering and redacting payloads according to agreements.
- Created the **testing Stub** to simulate the messages and behave like consumer for testing purpose using Citrus Java framework.

AUDIT Document Logging Service

September 2019 – October 2019

- Developed AUDIT Document Logging service for client, which audit all the operations (upload, update & managing documents) done by users on client Website
- Automated Test Scenarios (Happy Paths & Fault Paths) validating for different HTTP response codes using **Citrus Java framework**.
- Automated Test Scenarios to validate data entries in the Log Database for different operations.
- Developed complex **MVC Controller**, View Models and Helper methods linked to backend database.
- Performed unit, performance load testing, integration testing for different Environments (**INT, DEV, UAT**)

Peer Tutor (Computer Programmer)

Algonquin College, Ottawa ON

(January,2019-April,2019 & January,2020-Present)

- Helped students to learn programming concepts in more understandable and concise way.
- Assisted students to debug their assignment's code (Java, Python,HTML, JavaScript etc.)
- Managed daily tutoring schedules effectively & worked closely with instructor.
- Has excellent interpersonal skills and works well with others one on one basis.
- Acquired many useful skills such as problem solving, presentation skills and leadership skills.

CERTIFICATION

- **Certified SCRUM team member** (59646792865823)
(International Scrum Institution)
- **Full Stack Web development** (Java SpringBoot /Angular JS)